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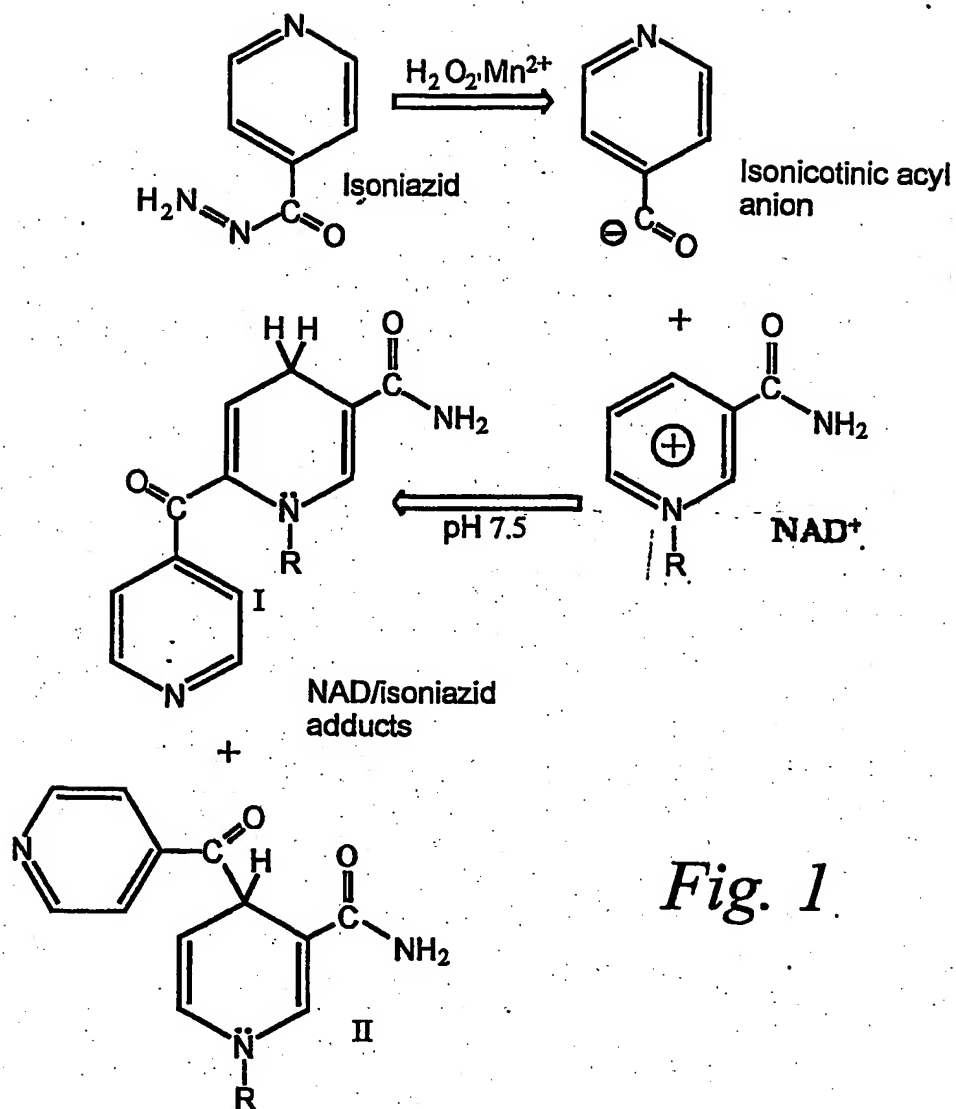


Fig. 1.

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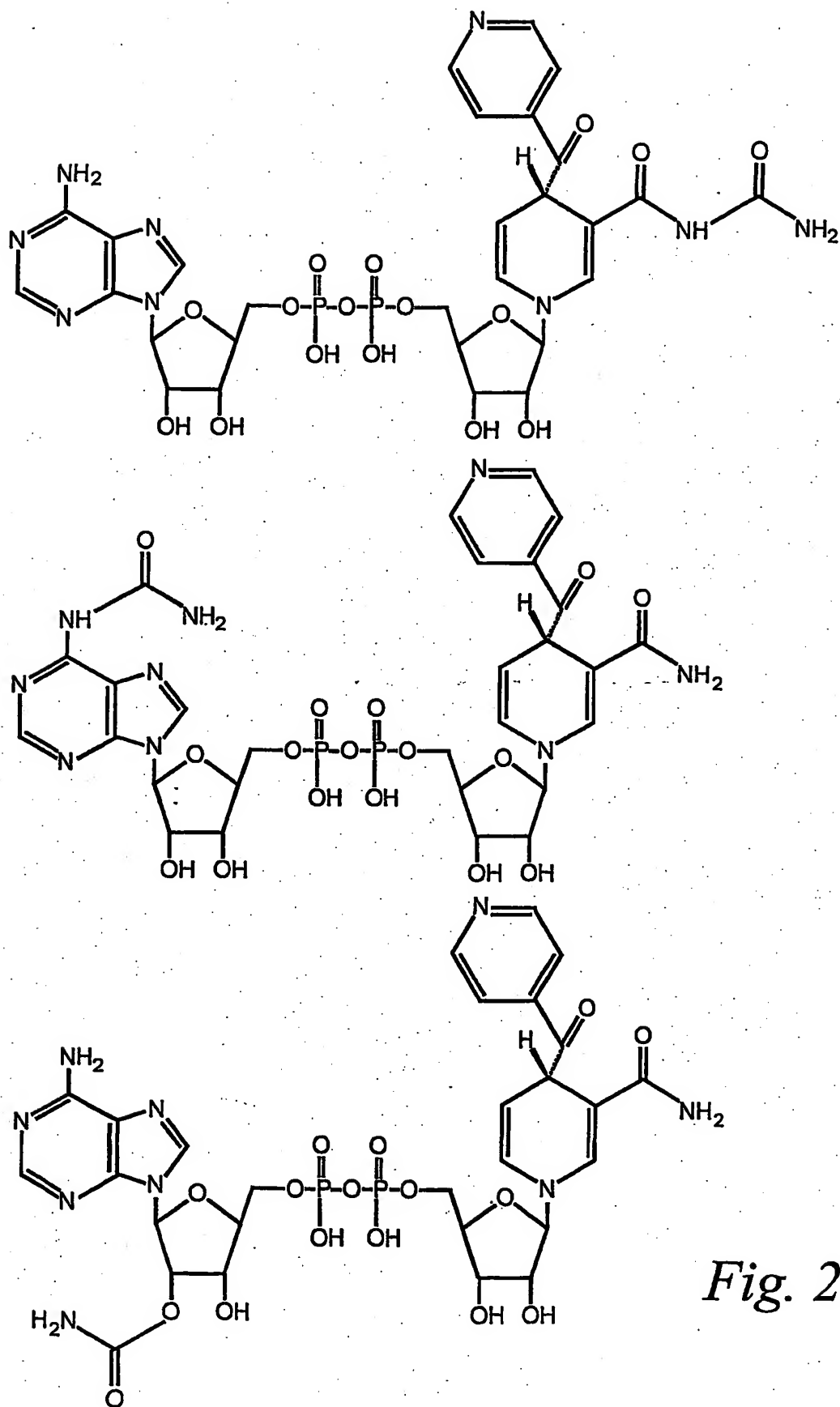
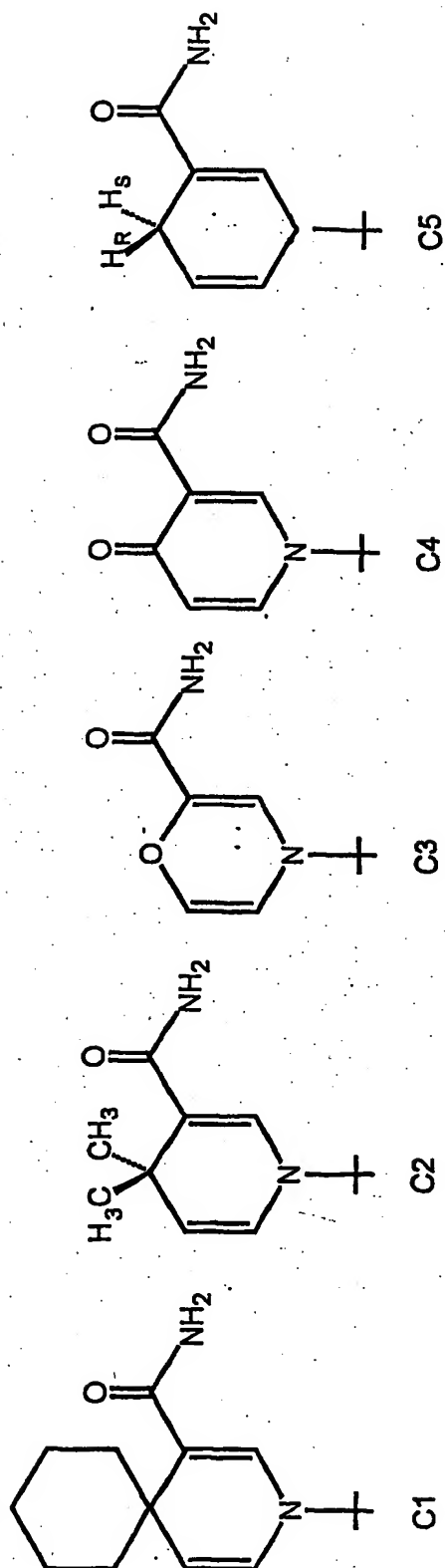


Fig. 2

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Competitive-type Inhibitors



Suicide-type Inhibitors

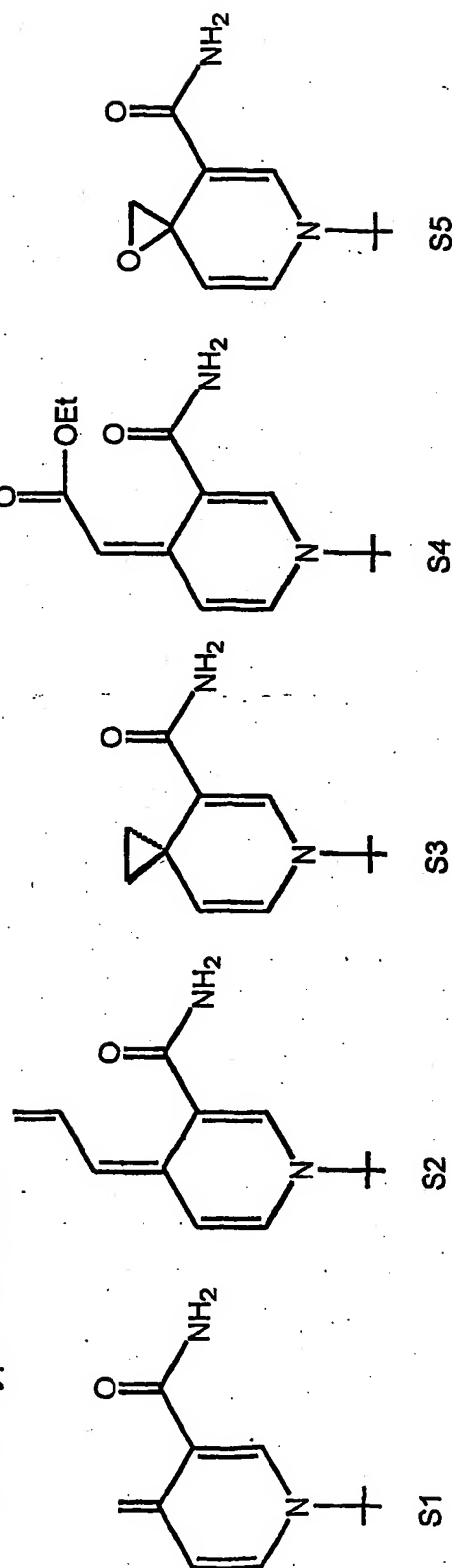


Fig. 3

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Synthesis of Inhibitor Intermediate C4-Int

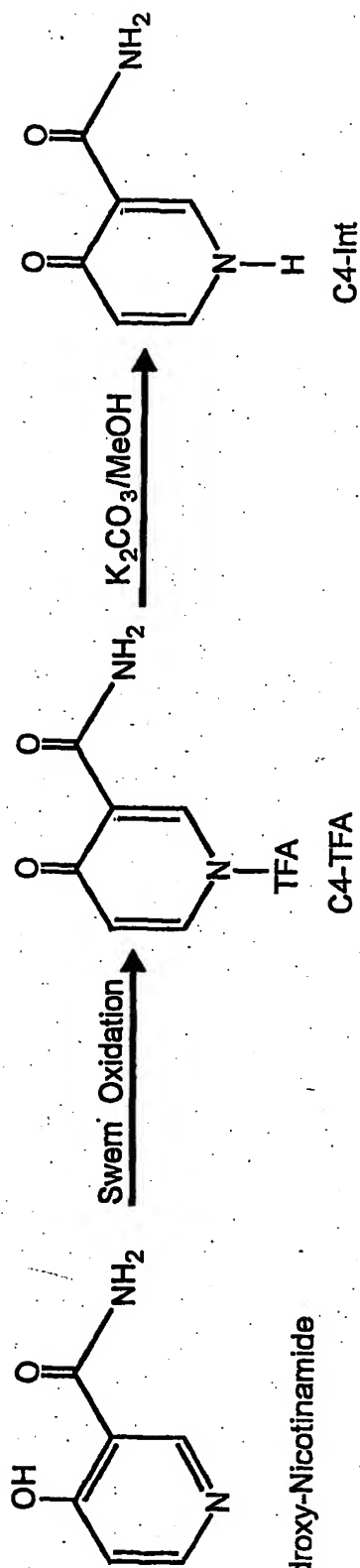


Fig. 4A

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Synthesis of Inhibitor Intermediates S1-Int and S5-Int

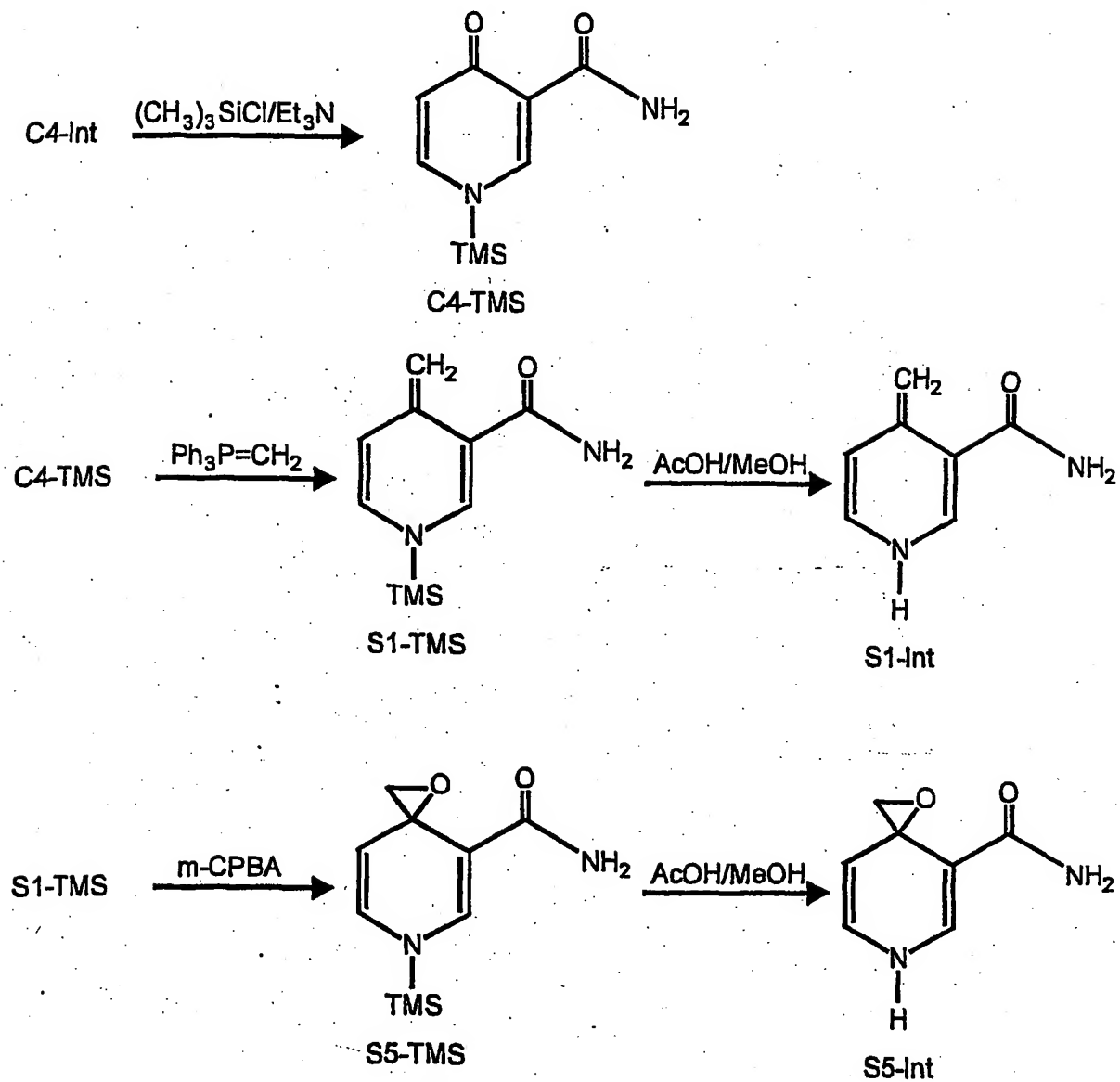


Fig. 4B

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Synthesis of Inhibitor Intermediates S2-Int and S4-Int

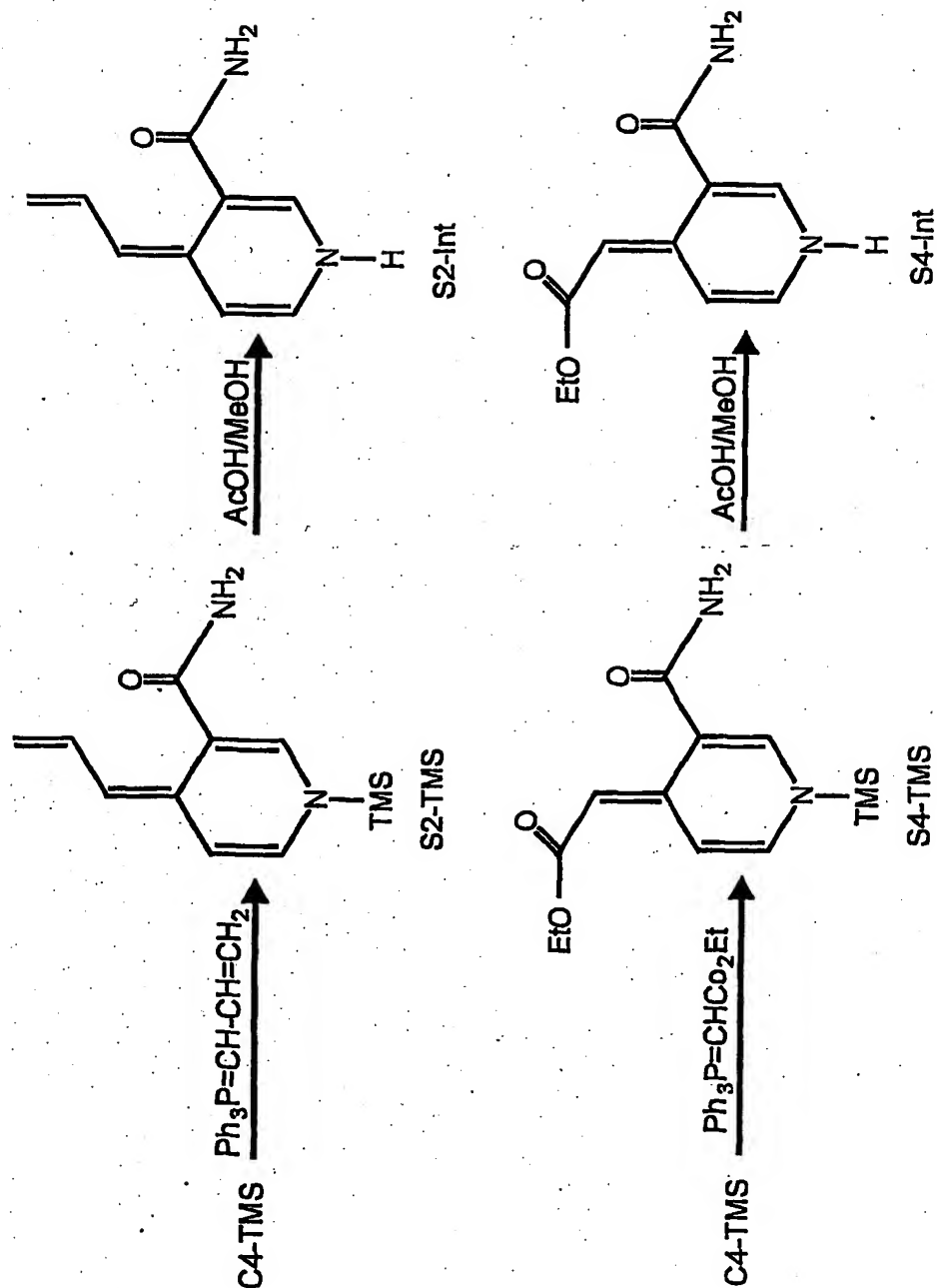


Fig. 4C

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Synthesis of Inhibitor Intermediate S3-Int

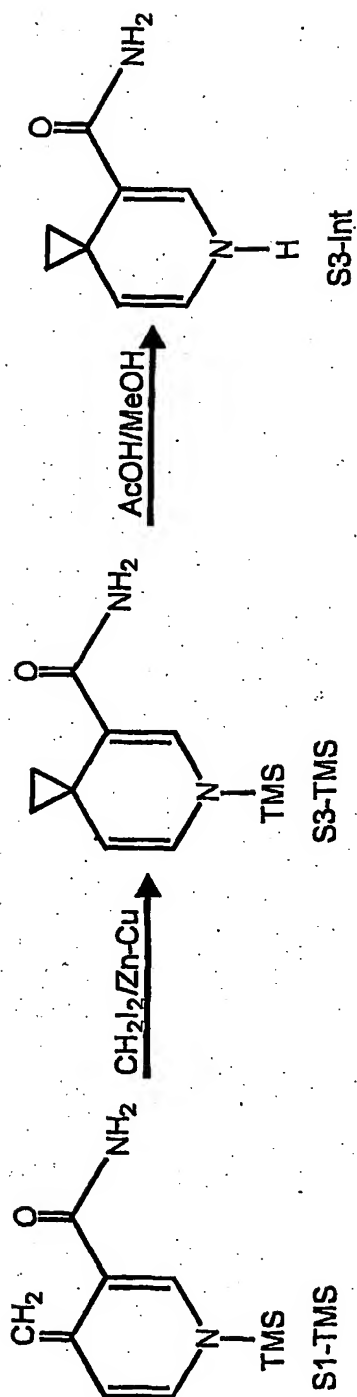


Fig. 4D

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Synthesis of per-Trimethylsilyl Adenosine 5'-Diphosphate

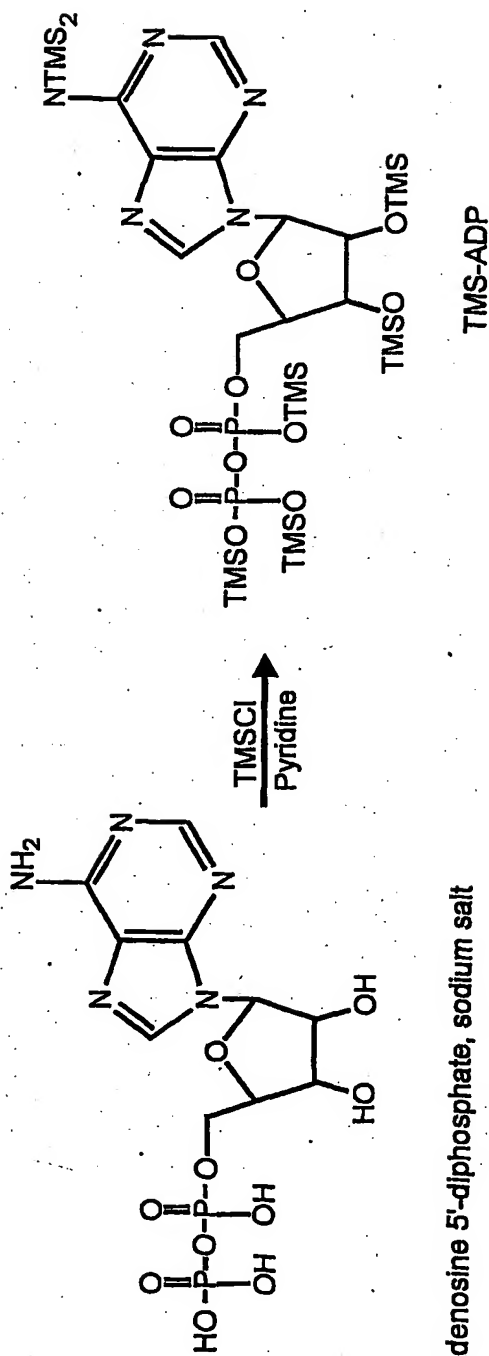
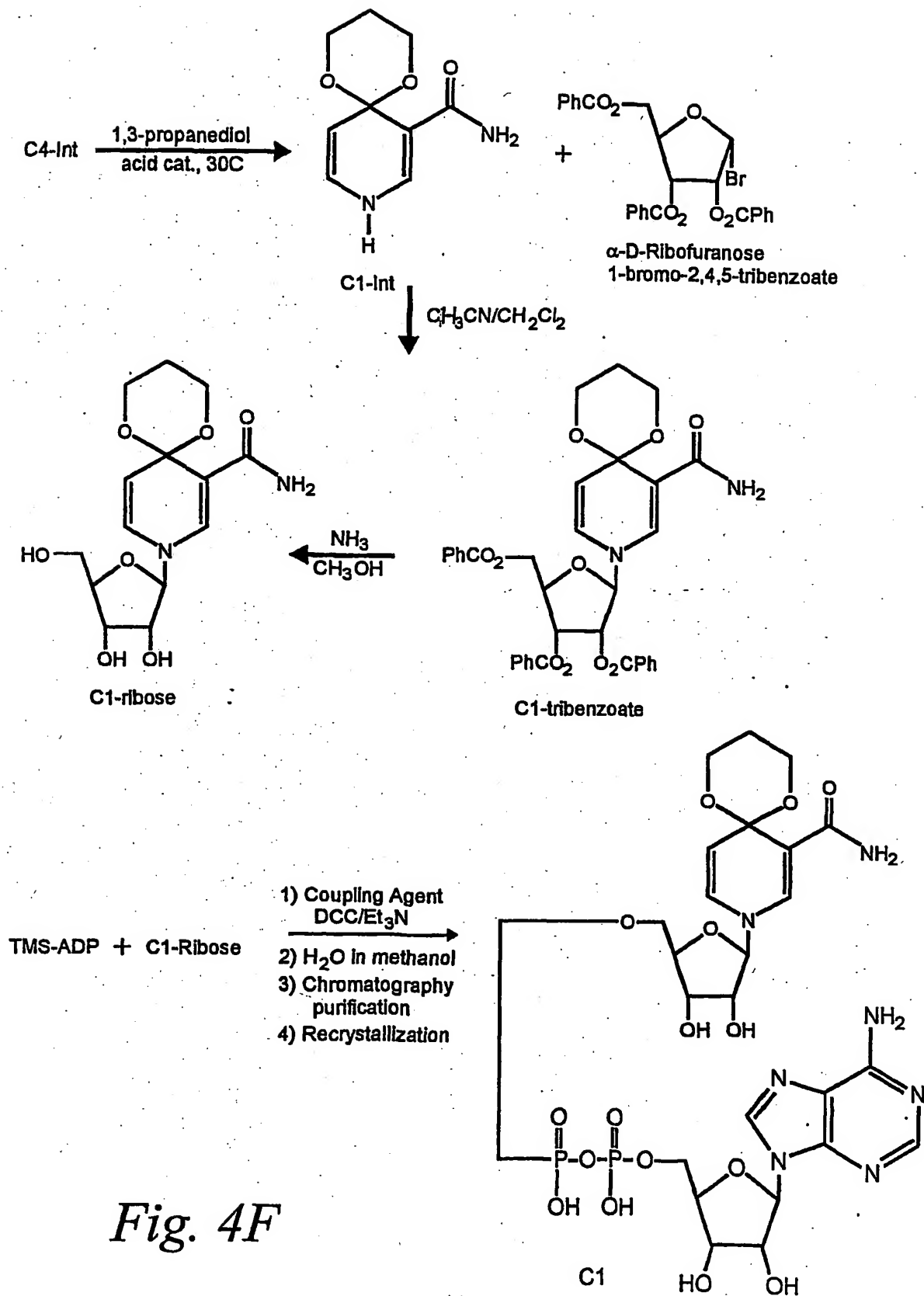


Fig. 4E

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Synthesis of Inhibitor Intermediate C2-Int

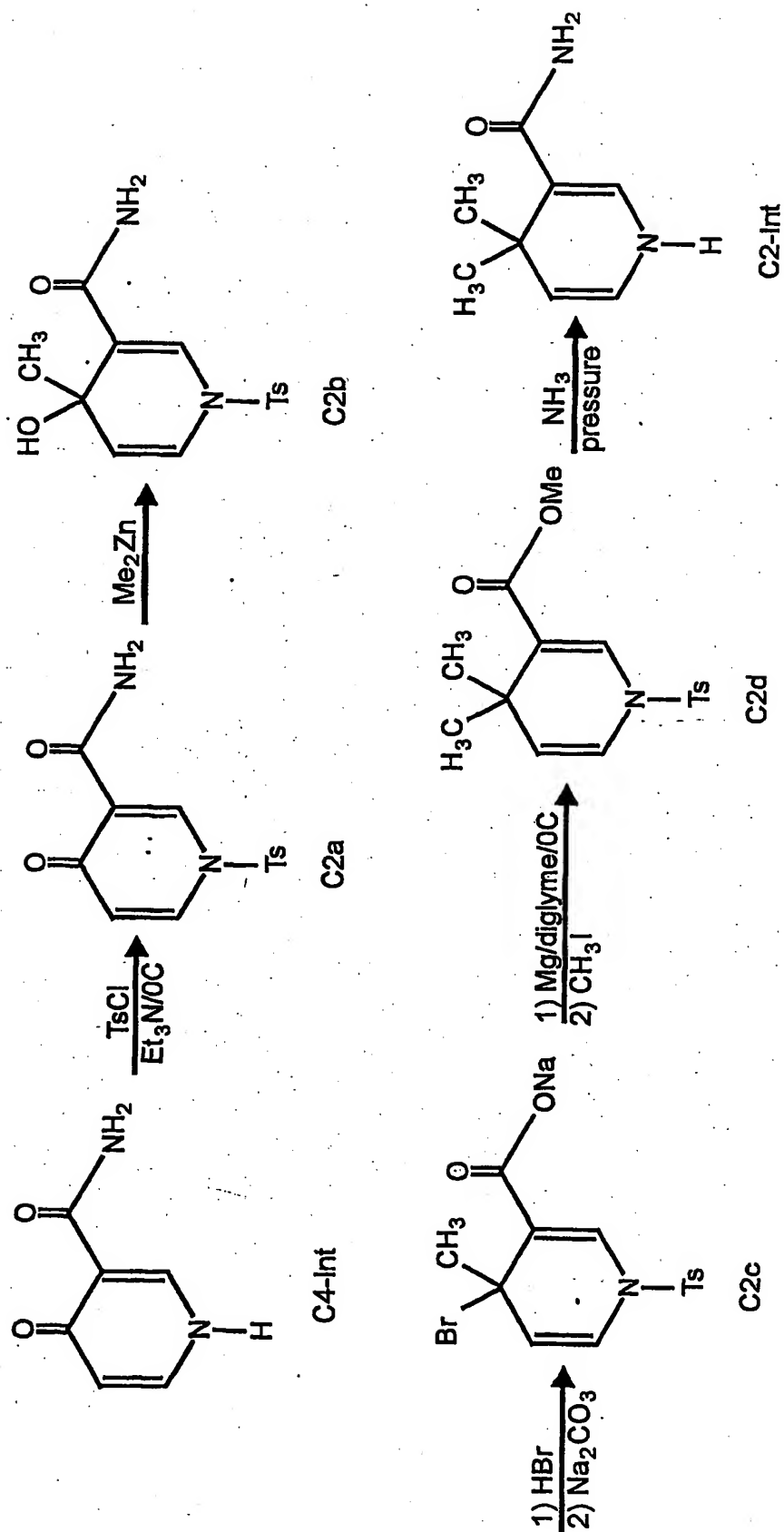


Fig. 4G

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Synthesis of Inhibitor Intermediate C3-Int

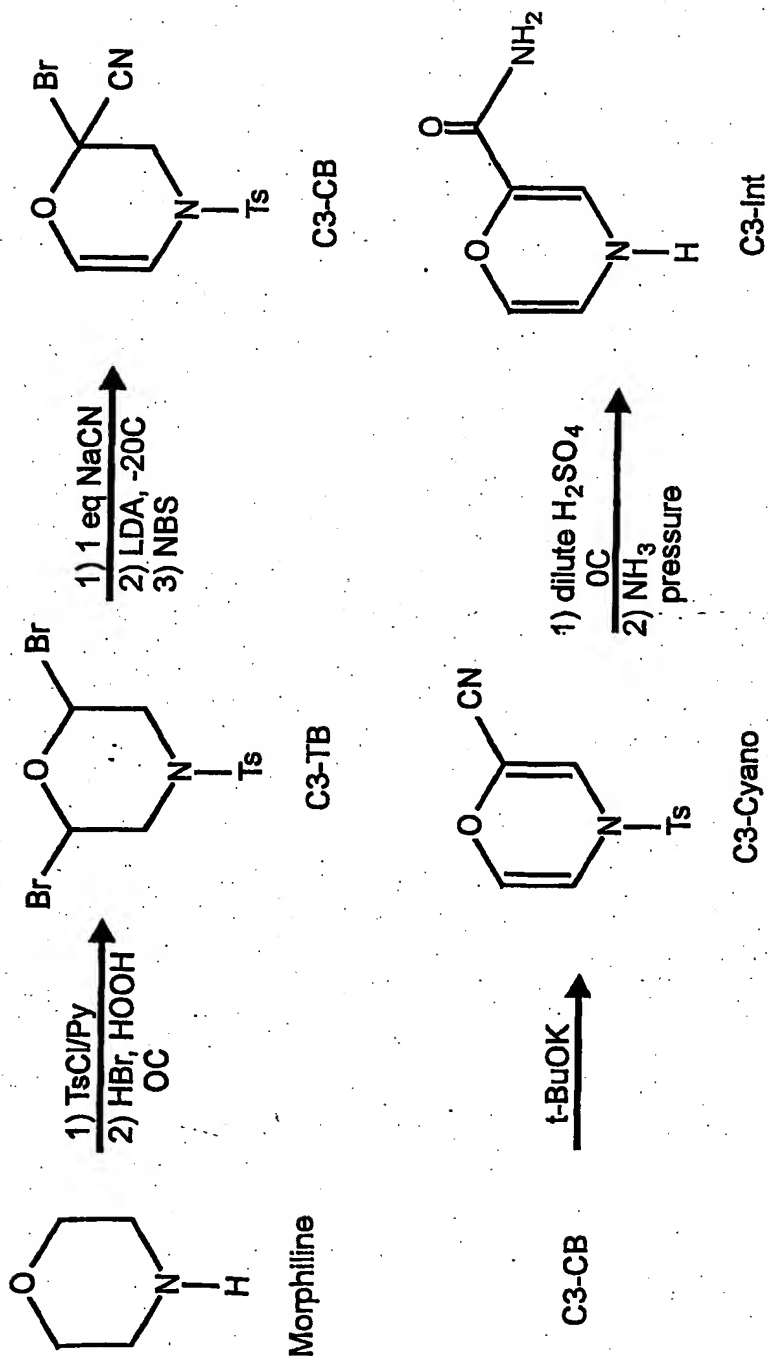


Fig. 4H

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Synthesis of Inhibitor C5

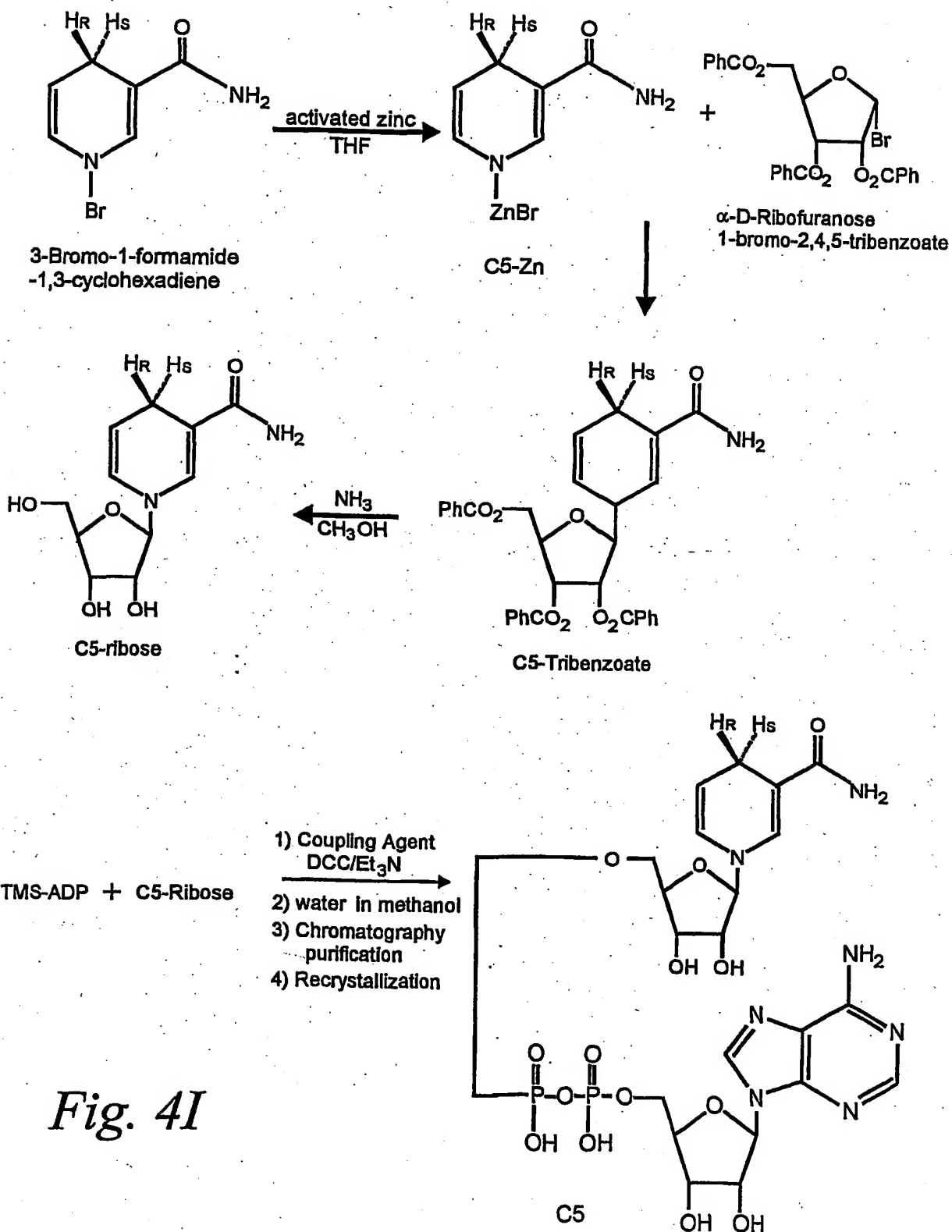


Fig. 4I

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Synthesis of Inhibitor C6

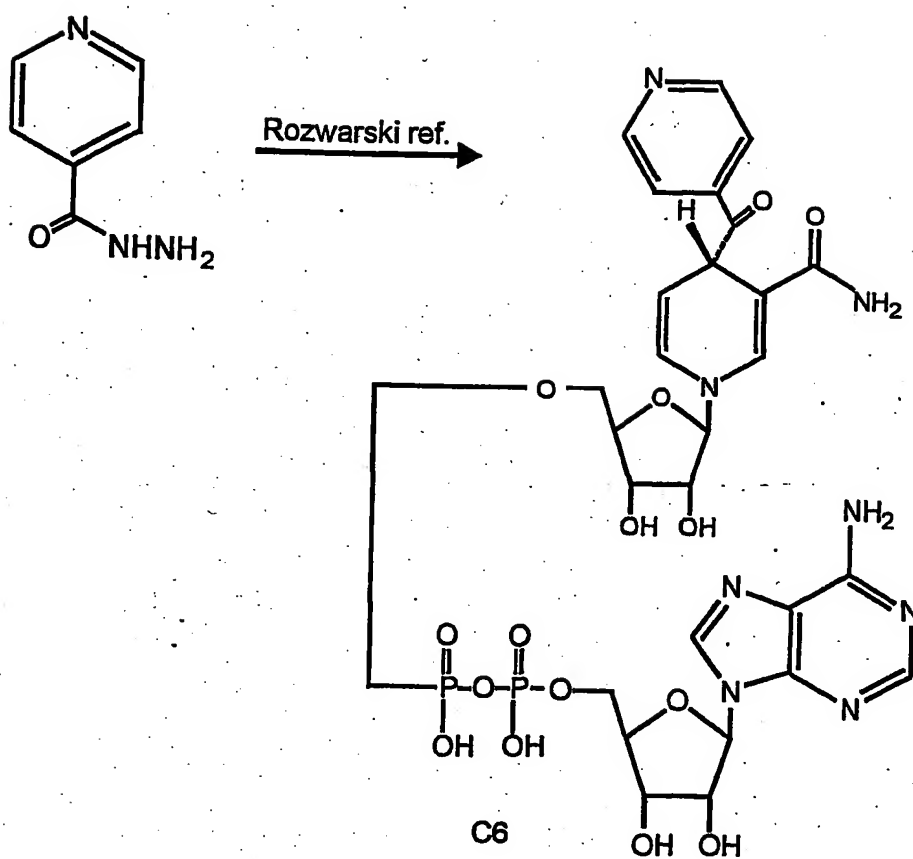


Fig. 4J